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A comparative performance analysis of three standardized climatic drought indices in the Chi River basin. Thailand

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- ACCEPTED MANUSCRIPT 1 Agriculture and Natural Resources. 2016. 50(3): xx-xx. 2 Agr. Nat. Resour. 2016. 50(3): xx-xx. 3 A comparative performance analysis of three standardized climatic drought indices in 4 the Chi River basin, Thailand 5 Tipaporn Homdee^{1*}, Kobkiat Pongput², Shinjiro Kanae³ 6 7 ¹Department of Water Resources Engineering, Faculty of Engineering, Kasetsart University, 8 Bangkok 10900, Thailand. 9 ²Department of Water Resources Engineering, Faculty of Engineering, Kasetsart University, 10 Bangkok 10900, Thailand. ³Department of Mechanical and Environmental Informatics, Tokyo Institute of Technology, 11 2-12-1 O-okayama, Meguro-ku, Tokyo 152-8552, Japan 12 13 14 Received 02/11/15 15 Accepted 04/02/16 16 17 Keywords: Chi basin, 18 19 Drought index, Standardized precipitation index (SPI), 20 21 Standardized precipitation evapotranspiration index (SPEI), 22 Standardized precipitation actual evapotranspiration index (SPAEI) 23
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